



Sheet 1 of 2

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| FORM PTO-1449 | | ATTY. DOCKET NO. SA\$2-PT044 | SERIAL NO. 10/037,353 |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | APPLICANT Sumio Kawai | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | FILING DATE December 21, 2001 | GROUP 2612 |
| (Use several sheets if necessary) | | | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|---------|-----------------|-------|----------|-------------------------------|
| NDHH | AC | 4,841,387 | 06/1989 | Rindfuss | | | |
| NDHH | AD | 4,920,420 | 04/1990 | Sano et al. | | | |
| NDHH | AE | 5,910,700 | 06/1999 | Crotzer et al. | | | |
| NDHH | AF | 6,078,438 | 06/2000 | Shibata et al. | | | |
| NDHH | AG | 6,163,340 | 12/2000 | Yasuda | | | |
| NDHH | AH | 2001/0053288 | 12/2001 | Ito et al. | | | |
| NDHH | AI | 2002/0171751 | 11/2002 | Ohkawara | | | |
| NDHH | AJ | 6,590,613 | 07/2003 | Yasuda | | | |
| NDHH | AK | 2003/0146980 | 08/2003 | Shimada | | | |
| NDHH | AL | 2003/0202114 | 10/2003 | Takizawa et al. | | | |
| NDHH | AM | 2003/0214588 | 11/2003 | Takizawa et al. | | | |
| NDHH | AN | 2003/0218685 | 11/2003 | Kawai | | | |
| NDHH | AO | 2003/0214599 | 11/2003 | Ito et al. | | | |
| NDHA | AP | 2004/0047625 | 03/2004 | Ito et al. | | | |
| NDHA | AQ | 2004/0090549 | 05/2004 | Takizawa et al. | | | |
| NDHA | AR | 2004/0169761 | 09/2004 | Kawai et al. | | | |
| NDHA | AS | 2004/0227837 | 11/2004 | Ito | | | |
| NDHA | AT | 2004/0263669 | 12/2004 | Kobayashi | | | |
| NDHA | AU | 2005/0088563 | 04/2005 | Ito et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|------|----|-----------------|--------|---------|-------|----------|-------------|
| | | | | | YES | NO | |
| NDHH | AV | 57-078032 | 5/1982 | JP | | | X* |

*ABSTRACT ONLY

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| <i>John Q. Kawai</i> | EXAMINER | DATE CONSIDERED |
|----------------------|----------|-----------------|

Sept. 1, 2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | ATTY. DOCKET NO. SAS2-PT044 | SERIAL NO. 10/037,353 |
| | | APPLICANT Sumio Kawai | |
| | | FILING DATE December 21, 2001 | GROUP 2612 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| NDHH | AW | 01-230016 | 09/1989 | JP | | | X* | |
| NDHH | AX | 07-322153 | 12/1995 | JP | | | X* | |
| NDHH | AY | 09-130654 | 05/1997 | JP | | | X* | |
| NDHH | AZ | 2000-330054 | 11/2000 | JP | | | X* | |
| NDHH | BA | 2001-298640 | 10/2001 | JP | | | X* | |
| NDHH | BB | 2001-359287 | 12/2001 | JP | | | X* | |
| NDHH | BC | 2002-229110 | 08/2002 | JP | | | X* | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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*ABSTRACT ONLY

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| EXAMINER <i>Sumio Kawai</i> | DATE CONSIDERED 10/3/2005 |
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